FIG.1

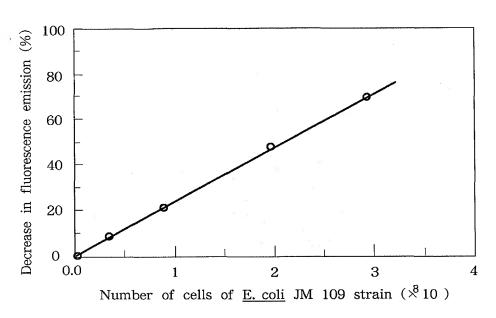
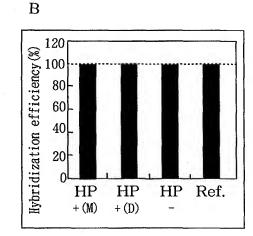
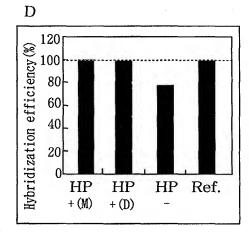


FIG.2 Fluorescence intensity Reaction time (sec)

FIG.3





A:35 - nucleotides - chained deoxyriboligonucleic acid probe

B: 35 - nucleotides - chained 2 - O - Me probe

C:17 - nucleotides - chained deoxyriboligonucleic acid probe

D: 17 - nucleotides - chained 2 - O - Me probe

HP: Helper probe

HP + (M) : Helper probe + 2 - O - Me probe

 $\mathrm{HP}+\mathrm{(D)}: \mathrm{Helper}$ probe $+\mathrm{deoxyribooligonucleotide}$ probe

Ref.: Reference

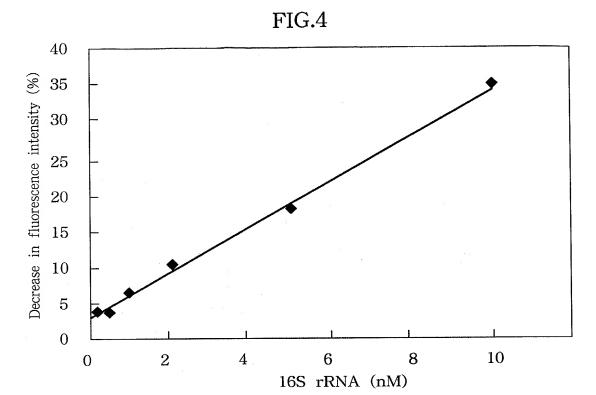


FIG.5

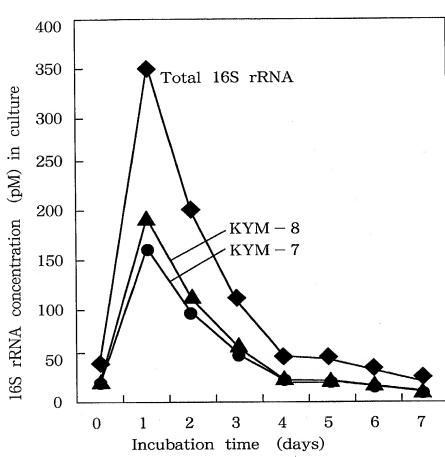


FIG.6

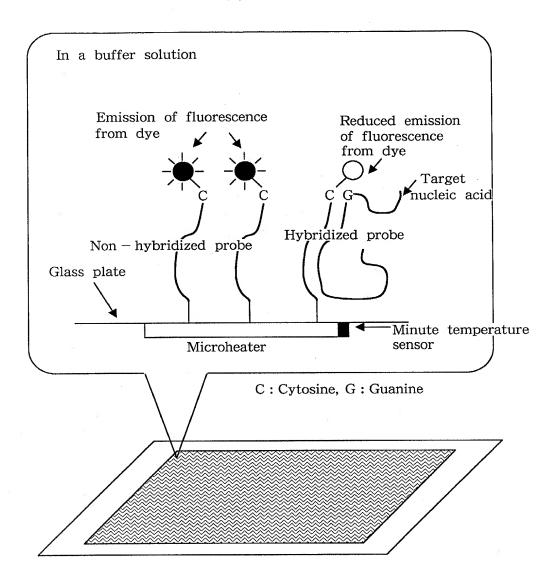
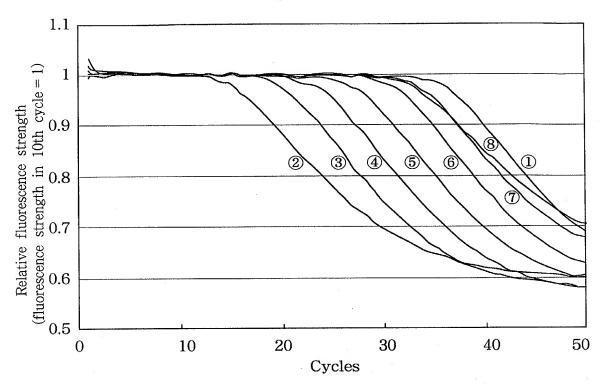


FIG.7



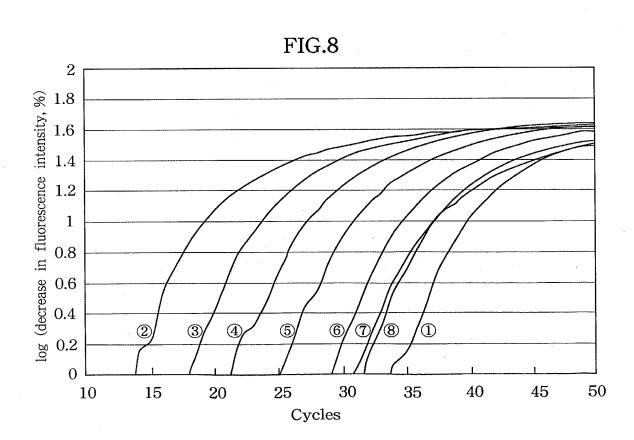


FIG.9

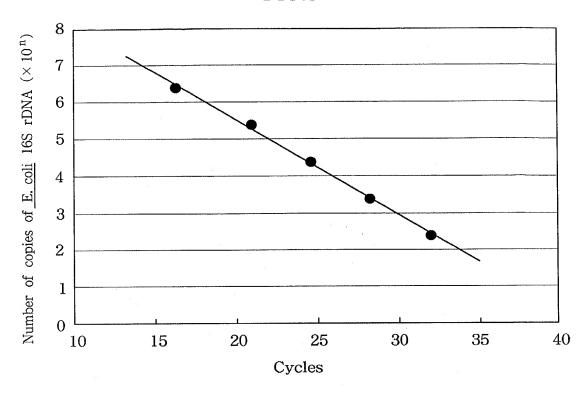
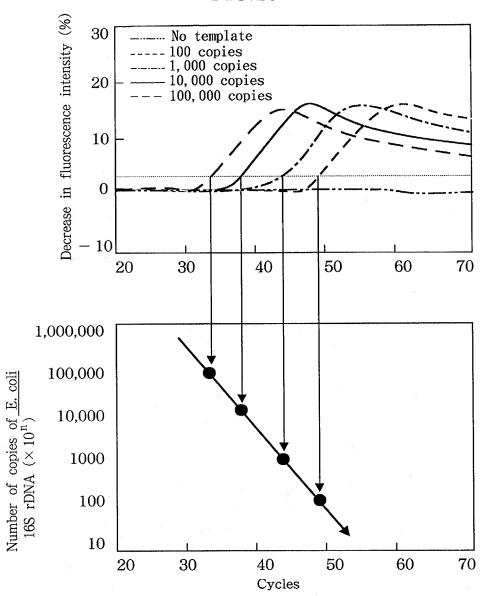
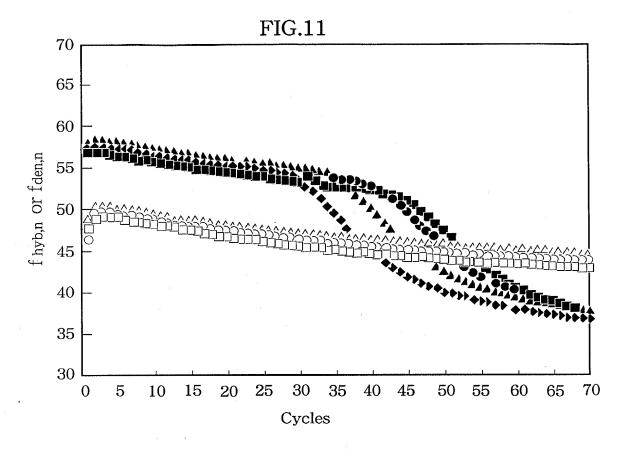


FIG.10





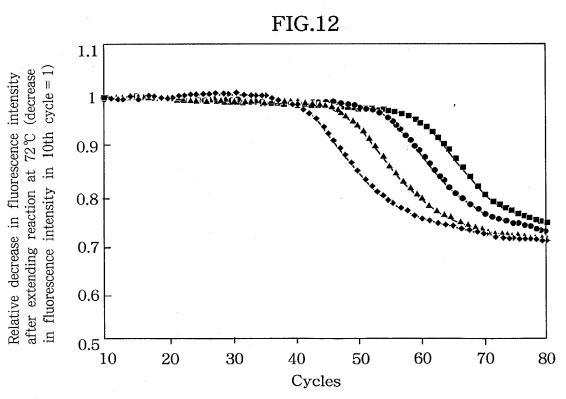
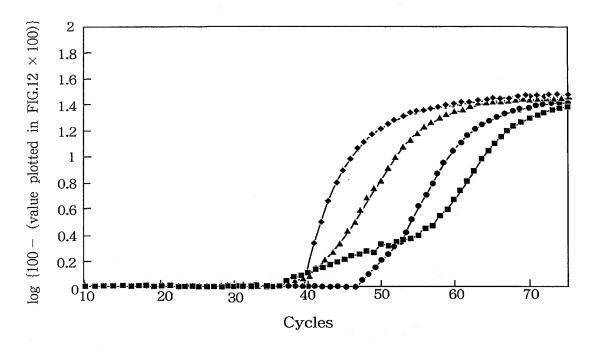
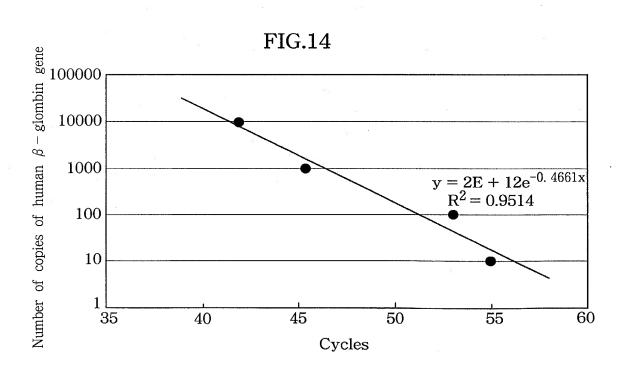
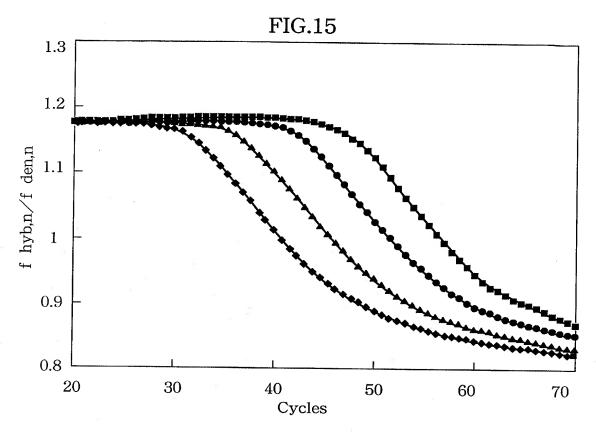


FIG.13







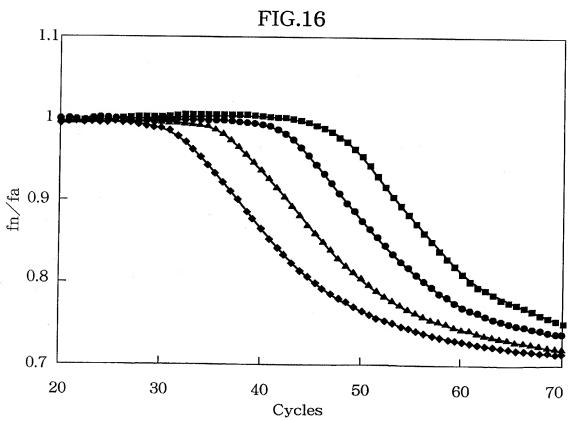


FIG.17

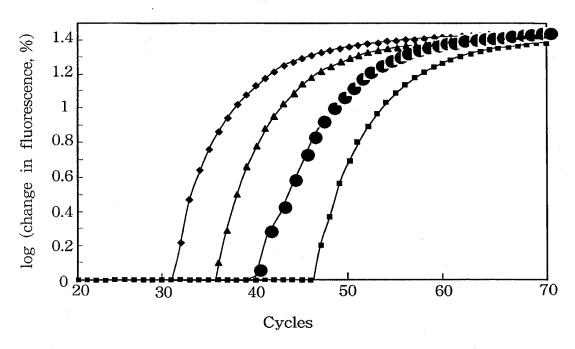


FIG.18

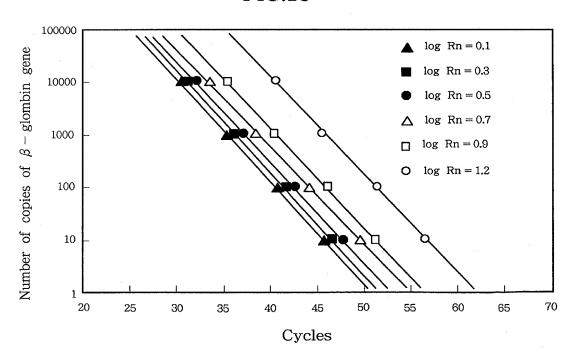


FIG.19

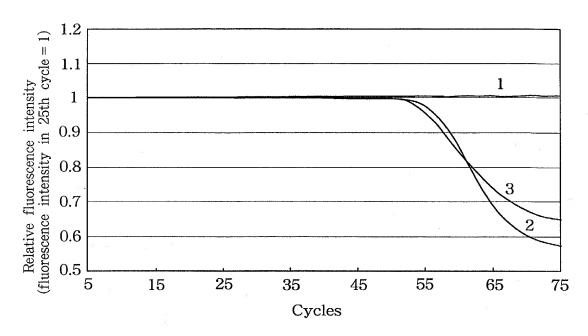


FIG.20

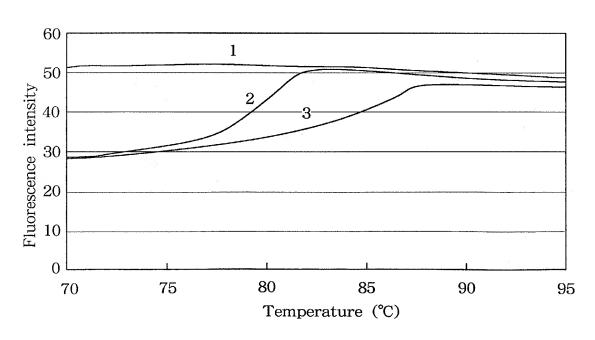


FIG.21

